

## DAFTAR PUSTAKA

- [1] S. Kemp, "DIGITAL 2020 INDONESIA," 2020. <https://datareportal.com/reports/digital-2020-indonesia> (accessed Sep. 17, 2020).
- [2] "What is Twitter?," *Economic and Social Research Council*, 2020. <https://esrc.ukri.org/research/impact-toolkit/social-media/twitter/what-is-twitter/> (accessed Oct. 07, 2020).
- [3] T. Miller, "Explanation in artificial intelligence: Insights from the social sciences," *Artif. Intell.*, no. July, pp. 1–2, 2018, doi: 10.1016/j.artint.2018.07.007.
- [4] S. Russel and P. Norvig, *Artificial Intelligence A Modern Approach 4th Ed.*, 4th ed. Hoboken: Pearson Education, Inc., 2020.
- [5] R. Rivera, *Principles of Managerial Statistics And Data Science*. Hoboken: John Wiley & Sons, Inc., 2020.
- [6] A. Priyanto and M. R. Ma'arif, "Implementasi Web Scrapping dan Text Mining untuk Akuisisi dan Kategorisasi Informasi dari Internet (Studi Kasus: Tutorial Hidroponik)," *Indones. J. Inf. Syst.*, vol. 1, pp. 25–33, 2018, doi: 10.24002/ijis.v1i1.1664.
- [7] M. Ahmad, S. Aftab, and I. Ali, "Sentiment Analysis of Tweets using SVM," *Int. J. Comput. Appl.*, vol. 177, no. 5, pp. 25–29, 2017, doi: 10.5120/ijca2017915758.
- [8] P. Klosowski, "Deep learning for natural language processing and language modelling," *Signal Process. - Algorithms, Archit. Arrange. Appl. Conf. Proceedings, SPA*, vol. 2018-Septe, pp. 223–228, 2018, doi: 10.23919/SPA.2018.8563389.
- [9] Y. A. Solangi, Z. A. Solangi, S. Aarain, A. Abro, G. A. Mallah, and A. Shah, "Review on Natural Language Processing (NLP) and Its Toolkits for Opinion Mining and Sentiment Analysis," *2018 IEEE 5th Int. Conf. Eng. Technol. Appl. Sci. ICETAS 2018*, pp. 1–4, 2018, doi: 10.1109/ICETAS.2018.8629198.
- [10] D. D. A. Yani, H. S. Pratiwi, and H. Muhardi, "Implementasi Web Scraping untuk Pengambilan Data pada Situs Marketplace," *J. Sist. dan Teknol. Inf.*, vol. 7, no. 4, pp. 257–262, 2019, doi: 10.26418/justin.v7i4.30930.
- [11] A. A. Maulana, A. Susanto, and D. Purwanti, "Rancang Bangun Web Scraping Pada Marketplace di Indonesia," *J. Inf. Syst.*, vol. 4, no. 1, pp. 41–53, 2019.
- [12] M. R. Ma'arif, "Integrasi Laman Web Tentang Pariwisata Daerah Istimewa Yogyakarta Memanfaatkan Teknologi Web Scraping Dan Text Mining," *Teknomatika*, vol. 9, no. 1, pp. 71–80, 2016, [Online]. Available: [http://eprints.binadarma.ac.id/3554/1/Ma%27arif2016%5BIntegrasi Laman Web Tentang Pariwisata Daerah Istimewa Yogyakarta Memanfaatkan Teknologi Web Scraping Dan Text Mining%5D.pdf](http://eprints.binadarma.ac.id/3554/1/Ma%27arif2016%5BIntegrasi%20Laman%20Web%20Tentang%20Pariwisata%20Daerah%20Istimewa%20Yogyakarta%20Memanfaatkan%20Teknologi%20Web%20Scraping%20Dan%20Text%20Mining%5D.pdf).
- [13] J. V. Praneeth Sai and B. Balachander, "Sentimental analysis of twitter data using tweepy and textblob," *Int. J. Adv. Sci. Technol.*, vol. 29, no. 3, pp. 6537–6544, 2020.
- [14] J. Ofoeda, R. Boateng, and J. Effah, "Application programming interface

- (API) research: A review of the past to inform the future,” *Int. J. Enterp. Inf. Syst.*, vol. 15, no. 3, pp. 76–95, 2019, doi: 10.4018/IJEIS.2019070105.
- [15] J. Devlin, M. W. Chang, K. Lee, and K. Toutanova, “BERT: Pre-training of deep bidirectional transformers for language understanding,” *NAACL HLT 2019 - 2019 Conf. North Am. Chapter Assoc. Comput. Linguist. Hum. Lang. Technol. - Proc. Conf.*, vol. 2, 2019.
- [16] A. Vaswani *et al.*, “Attention Is All You Need,” *31st Conf. Neural Inf. Process. Syst.*, pp. 1–11, 2017, doi: 10.1109/2943.974352.
- [17] A. Fadli, “Konsep Dasar Data Science,” pp. 1–7, 2020.
- [18] H. Patel and P. Prajapati, “International Journal of Computer Sciences and Engineering Open Access,” *Int. J. Comput. Sci. Eng.*, vol. 6, no. 10, 2018, doi: 10.26438/ijcse/v6i1.161167.
- [19] A. A. Lutfi, A. E. Permanasari, and S. Fauziati, “Corrigendum: Sentiment Analysis in the Sales Review of Indonesian Marketplace by Utilizing Support Vector Machine,” *J. Inf. Syst. Eng. Bus. Intell.*, vol. 4, no. 2, p. 169, 2018, doi: 10.20473/jisebi.4.2.169.
- [20] A. Rasool, R. Tao, K. Marjan, and T. Naveed, “Twitter Sentiment Analysis: A Case Study for Apparel Brands,” *J. Phys. Conf. Ser.*, vol. 1176, no. 2, 2019, doi: 10.1088/1742-6596/1176/2/022015.
- [21] M. Kamal Hassan, S. Prasanth Shakthi, and R. Sasikala, “Sentimental analysis of Amazon reviews using naïve bayes on laptop products with MongoDB and R,” *IOP Conf. Ser. Mater. Sci. Eng.*, vol. 263, no. 4, pp. 0–10, 2017, doi: 10.1088/1757-899X/263/4/042090.
- [22] I. Ronny Julianto, Evi Dianti Bintari, “Analisis Sentimen Layanan Provider Telepon Seluler pada Twitter menggunakan Metode Naïve Bayesian Classification,” *J. Big Data Anal. Artif. Intell.*, vol. 3, no. 1, 2017.
- [23] J. Novakovic, A. Veljovi, S. Iiic, Z. Papic, and M. Tomovic, “Evaluation of Classification Models in Machine Learning,” *Theory Appl. Math. Comput. Sci.*, vol. 7, no. 1, pp. 39–46, 2017.
- [24] R. Sari, “Analisis Sentimen Review Restoran menggunakan Algoritma Naive Bayes berbasis Particle Swarm Optimization,” *J. Inform.*, vol. 6, no. 1, pp. 23–28, 2019, doi: 10.31311/ji.v6i1.4695.
- [25] M. S. Z. Rizvi, “Demystifying BERT: A Comprehensive Guide to the Groundbreaking NLP Framework,” *Analytics Vidhya*, 2019. .
- [26] Y. Seth, “BERT Explained – A list of Frequently Asked Questions,” 2019. <https://yashueth.blog/2019/06/12/bert-explained-faqs-understand-bert-working/>.
- [27] Y. Iwasaki, A. Yamashita, Y. Konno, and K. Matsubayashi, “Japanese Abstractive Text Summarization using BERT,” *Adv. Sci. Technol. Eng. Syst.*, vol. 5, no. 6, pp. 1674–1682, 2020, doi: 10.25046/AJ0506199.
- [28] B. Muller, B. Sagot, and D. Seddah, “Enhancing BERT for Lexical Normalization,” 2019.
- [29] A. Wibowo, “Jaringan Syaraf Tiruan FeedForward,” *BINUS Higher Education*, 2017. <https://mti.binus.ac.id/2017/11/24/jaringan-syaraf-tiruan-feedforward/>.
- [30] Y. Qiao, C. Xiong, Z. Liu, and Z. Liu, “Understanding the Behaviors of BERT in Ranking,” 2019, [Online]. Available: <http://arxiv.org/abs/1904.07531>.

- [31] J. Brownlee, “Difference Between a Batch and an Epoch in a Neural Network,” 2018. <https://machinelearningmastery.com/difference-between-a-batch-and-an-epoch/>.
- [32] J. Zhu, “SQuAD Model Comparison,” pp. 1–8, 2019.
- [33] Y. Wu *et al.*, “Demystifying Learning Rate Policies for High Accuracy Training of Deep Neural Networks,” *Proc. - 2019 IEEE Int. Conf. Big Data, Big Data 2019*, no. October, pp. 1971–1980, 2019, doi: 10.1109/BigData47090.2019.9006104.